



SEQUENCE LISTING

<110> Anderson, Marilyn A.
Atkinson, Angela H.
Heath, Robyn L.
Clarke, Adrienne E.

<120> PROTEINASE INHIBITOR, PRECURSOR THEREOF AND GENETIC
SEQUENCES ENCODING SAME

<130> 9748BZ

<140> 09/812,502
<141> 2001-20-03

<150> 09/431,500
<151> 1999-11-01

<160> 18

<170> PatentIn Ver. 2.1

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ccatggatcat gaccaactg ttgcgcaggc aaaaagggtt gtaagtactt	540
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TECH CENTER 1600/2900

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 Lys Ala Cys Thr Leu Asn
 1 5

tgt gat cca aga att gcc tat gga gtt tgc ccg cgt tca gaa gaa aag 162
 Cys Asp Pro Arg Ile Ala Tyr Gly Val Cys Pro Arg Ser Glu Glu Lys
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aag aat gat cgg ata tgc acc aac tgt tgc gca ggc acg aag ggt tgt 210
 Lys Asn Asp Arg Ile Cys Thr Asn Cys Cys Ala Gly Thr Lys Gly Cys
 25 30 35

aag tac ttc agt gat gat gga act ttt gtt tgt gaa gga gag tct gat 258
 Lys Tyr Phe Ser Asp Asp Gly Thr Phe Val Cys Glu Gly Glu Ser Asp
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cct aga aat cca aag gct tgt acc tta aac tgt gat cca aga att gcc 306
 Pro Arg Asn Pro Lys Ala Cys Thr Leu Asn Cys Asp Pro Arg Ile Ala
 55 60 65 70

tat gga gtt tgc ccg cgt tca gaa gaa aag aat gat cgg ata tgc 354
 Tyr Gly Val Cys Pro Arg Ser Glu Glu Lys Lys Asn Asp Arg Ile Cys
 75 80 85

acc aac tgt tgc gca ggc acg aag ggt tgt aag tac ttc agt gat gat 402
 Thr Asn Cys Cys Ala Gly Thr Lys Gly Cys Lys Tyr Phe Ser Asp Asp
 90 95 100

gga act ttt gtt tgt gaa gga gag tct gat cct aga aat cca aag gct 450
 Gly Thr Phe Val Cys Glu Gly Glu Ser Asp Pro Arg Asn Pro Lys Ala
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tgt cct cgg aat tgc gat cca aga att gcc tat ggg att tgc cca ctt 498
 Cys Pro Arg Asn Cys Asp Pro Arg Ile Ala Tyr Gly Ile Cys Pro Leu
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Gly Glu Ser Asp Pro Lys Asn Pro Lys Ala Cys Pro Arg Asn Cys Asp			
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Gly Arg Ile Ala Tyr Gly Ile Cys Pro Leu Ser Glu Glu Lys Lys Asn			
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Asn Pro Lys Ala Cys Pro Arg Asn Cys Asp Gly Arg Ile Ala Tyr Gly			
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Ile Cys Pro Leu Ser Glu Glu Lys Lys Asn Asp Arg Ile Cys Thr Asn			
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Cys Cys Ala Gly Lys Lys Gly Cys Lys Tyr Phe Ser Asp Asp Gly Thr			
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Phe Val Cys Glu Gly Glu Ser Asp Pro Arg Asn Pro Lys Ala Cys Pro			
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Arg Asn Cys Asp Gly Arg Ile Ala Tyr Gly Ile Cys Pro Leu Ser Glu			
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Glu Lys Lys Asn Asp Arg Ile Cys Thr Asn Cys Ala Gly Lys Lys			
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Gly Cys Lys Tyr Phe Ser Asp Asp Gly Thr Phe Ile Cys Glu Gly Glu			
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Ser Glu Tyr Ala Ser Lys Val Asp Glu Tyr Val Gly Glu Val Glu Asn			
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360	365		

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Cys Glu Gly Glu Ser Asp Pro Arg Asn Pro Lys Ala Cys Thr Leu Asn
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Cys Asp Pro Arg Ile Ala Tyr Gly Val Cys Pro Arg Ser Glu Glu Lys
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Lys Asn Asp Arg Ile Cys Thr Asn Cys Cys Ala Gly Thr Lys Gly Cys
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Lys Tyr Phe Ser Asp Asp Gly Thr Phe Val Cys Glu Gly Glu Ser Asp
100 105 110

Pro Arg Asn Pro Lys Ala Cys Pro Arg Asn Cys Asp Pro Arg Ile Ala
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Tyr Gly Ile Cys Pro Leu Ala Glu Glu Lys Lys Asn Asp Arg Ile Cys
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Gly Thr Phe Val Cys Glu Gly Glu Ser Asp Pro Lys Asn Pro Lys Ala
165 170 175

Cys Pro Arg Asn Cys Asp Gly Arg Ile Ala Tyr Gly Ile Cys Pro Leu
180 185 190

Ser Glu Glu Lys Lys Asn Asp Arg Ile Cys Thr Asn Cys Cys Ala Gly
195 200 205

Lys Lys Gly Cys Lys Tyr Phe Ser Asp Asp Gly Thr Phe Val Cys Glu
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Gly Glu Ser Asp Pro Lys Asn Pro Lys Ala Cys Pro Arg Asn Cys Asp
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Gly Arg Ile Ala Tyr Gly Ile Cys Pro Leu Ser Glu Glu Lys Asn

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Lys Ala Cys Thr Leu Asn
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Cys Cys Ala Gly Xaa Lys Gly
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Xaa Lys Lys Asn Asp Xaa
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